

AMENDMENTS

In the Claims:

1. (Currently Amended) A vacuum cleaning head, comprising:
a housing having a suction inlet,
an agitator for agitating a floor surface which is rotatably mounted in the housing,
a first air turbine driving the agitator,
a turbine air inlet, separate from the suction inlet, admitting air separately from air admitted by the suction inlet to the first turbine, and
a control moveable to control the amount of air admitted by the turbine air inlet to the first turbine so as to prevent rotation or reduce the speed of rotation of the agitator, the control moving in response to the speed of rotation of the first turbine or to a flow of air to or through the first turbine, the control comprising a moveable part having an interior volume which communicates with a main airflow path to the first turbine, the moveable part moving in response to a force generated by a pressure difference between the interior volume and ambient air.
2. (Previously Presented) A vacuum cleaning head according to claim 1, wherein the control is movable between an open position, in which it admits air to the turbine, and a closed position in which it prevents air from reaching the turbine.
3. (Previously Presented) A vacuum cleaning head according to claim 2, wherein the control is biased into the open position.
4. (Previously Presented) A vacuum cleaning head according to claim 2 or 3, wherein the control is also movable into the inoperable position by a user.
5. (Canceled)
6. (Currently Amended) A vacuum cleaning head according to claim [[5]] 1, wherein the interior volume of the movable part communicates with the main airflow path to the turbine via a restricted airflow path.

7. (Original) A vacuum cleaning head according to claim 6, wherein the restricted airflow path comprises an apertured plate.

8. (Currently Amended) A vacuum cleaning head according to claim [[5]] 1, further comprising a device drawing air from the interior volume of the movable part.

9. (Previously Presented) A vacuum cleaning head according to claim 8, wherein the drawing device comprises a second turbine.

10. (Previously Presented) A vacuum cleaning head according to claim 9, wherein the second turbine forms part of the rear face of the first turbine.

11. (Previously Presented) A vacuum cleaning head according to claim 10, wherein the second turbine comprises depressions and ribs on the rear face of the first turbine.

12. (Previously Presented) A vacuum cleaning head according to claim 8, wherein the drawing device comprises a venturi in the airflow path upstream or downstream of the first turbine, the interior volume of the movable part communicating with the venturi.

13. (Currently Amended) A vacuum cleaning head according to claim [[5]] 1, further comprising a valve for admitting air into the interior of the movable part so as to reopen the turbine air inlet.

14. (Previously Presented) A vacuum cleaning head according to any one of claims 1 to 3, further comprising a seal sealing the turbine air inlet in the closed position.

15. (Previously Presented) A vacuum cleaning head according to any one of claims 1 to 3, further comprising a valve admitting air to the cleaning head to reopen the turbine air inlet.

16. (Previously Presented) A vacuum cleaning head according to claim 15, wherein the valve is configured to admit air to a region downstream of the first turbine.

17. (Original) A vacuum cleaning head according to claim 16, wherein the valve is positioned on the opposite side of the housing to the control.

18. (Previously Presented) A vacuum cleaning head according to any one of claims 1 to 3, further comprising a plurality of restricting devices arranged across a discharge outlet.

19. (Currently Amended) A ~~vacuum cleaner comprising~~ a vacuum cleaning head, comprising:

a housing having a suction inlet,
an agitator for agitating a floor surface which is rotatably mounted in the housing,
~~a first~~ an air turbine driving the agitator,
a turbine air inlet, separate from the suction inlet, admitting air separately from air admitted by the suction inlet to the first turbine, and

~~a control moveable to control the amount of air admitted by the turbine air inlet to the first turbine as to prevent rotation or reduce the speed of rotation of the agitator, the control moving in response to the speed of rotation of the first turbine or to a flow of air to or through the first turbine comprising a button and a flexible diaphragm, the button being moveable by a user between an open position in which air is admitted by the turbine air inlet to the turbine, and a closed position in which the diaphragm seals the turbine air inlet to prevent air reaching the turbine and thus prevent rotation of the agitator.~~

20-24. (Canceled).

25. (New) A vacuum cleaner head as claimed in claim 19, wherein the button comprises an inner hub, an outer hub, and a plurality of ribs extending between the inner hub and the outer hub, and the spaces between adjacent ribs define air inlet apertures.

26. (New) A vacuum cleaner head as claimed in claim 25, wherein the button comprises a mesh that shields the air inlet apertures.

27. (New) A vacuum cleaner head as claimed in claim 19, wherein the button is joined to the housing by the diaphragm.

28. (New) A vacuum cleaner head as claimed in claim 19, wherein the button is resiliently mounted about an inlet cap, and the diaphragm presses against an outer surface of the inlet cap to seal the turbine air inlet when the button is in the closed position.

29. (New) A vacuum cleaner head as claimed in claim 19, wherein the turbine has an axis of rotation, and the button moves between the open position and the closed position along the axis of rotation.

30. (New) A vacuum cleaner head as claimed in claim 19, wherein the cleaner head comprises a guide vane plate that supports a set of angled vanes around a circumference, and the angled vanes initiate swirling of air admitted to the turbine.

31. (New) A vacuum cleaner head as claimed in claim 30, wherein the cleaner head comprises a spring that acts between the button and the guide vane plate to urge the button into the open position.

32. (New) A vacuum cleaner head as claimed in claim 19, wherein the turbine is a radial flow turbine.